

Radium-226

Up Gradient Wells	Sample #	pCi/L	Uncertainty	MDC
HWD Plant 9 Well 9-1	DEC-RAD-1	0.36	0.34	0.44
HWD Plant 11 (OC Road)N-10555	DEC-RAD-2	0.06	0.40	0.80
BWD Plant 1 Well 1-1 (N-8767)	DEC-RAD-3	1.27	0.67	0.72
N-09920	DEC-RAD-4	0.66	0.51	0.72
N-09920 - DUP	DEC-RAD-4	0.50	0.43	0.60
HWD N-8779	DEC-RAD-36	1.15	0.63	0.69
HWD N-10208	DEC-RAD-37	0.30	0.42	0.72
Mean		0.61		
Standard Deviation		0.45		
Weighted Mean		0.71		
Side & Down Gradient Wells	Sample #	pCi/L	Uncertainty	
TT-309S	DEC-RAD-5	0.16	0.31	0.56
TT-309I	DEC-RAD-6	0.46	0.43	0.62
TT-309D	DEC-RAD-7	0.63	0.47	0.58
RE108D1	DEC-RAD-8	1.45	0.67	0.65
RE108D2	DEC-RAD-9	0.50	0.36	0.41
RE104D1	DEC-RAD-10	0.27	0.33	0.50
RE104D2	DEC-RAD-11	1.09	0.64	0.77
RE104D3	DEC-RAD-12	0.52	0.57	0.91
TT-102D	DEC-RAD-13	1.20	0.66	0.79
TT102D2	DEC-RAD-14	0.20	0.43	0.80
BPOW-2-1	DEC-RAD-15	0.51	0.32	0.14
BPOW-2-2	DEC-RAD-16	0.21	0.42	0.75
BPOW-2-3	DEC-RAD-17	0.25	0.23	0.14
BCPMW-4-1	DEC-RAD-18	0.50	0.56	0.92
BCPMW-4-2	DEC-RAD-19	0.52	0.48	0.73
BCPMW-4-3	DEC-RAD-20	0.00	0.42	0.84
MW-100-1	DEC-RAD-21	1.02	0.72	0.98
MW-100-2	DEC-RAD-22	0.62	0.60	0.91
MW-100-3	DEC-RAD-23	0.14	0.47	0.90
GM-17S	DEC-RAD-24	0.06	0.40	0.80
GM-17I	DEC-RAD-25	0.22	0.38	0.69
GM-17D	DEC-RAD-26	0.64	0.44	0.47
GM-13D	DEC-RAD-27	0.10	0.34	0.60
GM-13D - DUP	DEC-RAD-27	0.24	0.51	0.91
GM-15 S	DEC-RAD-28	5.31	1.35	0.83

GM-15 I	DEC-RAD-29	1.42	0.75	0.92
GM-15 D	DEC-RAD-30	0.92	0.56	0.69
GM-23 S*	DEC-RAD-31	0.69	0.48	0.62
GM-23-I	DEC-RAD-32	1.70	0.63	0.38
BWD Plant 4 N-6915	DEC-RAD-34	3.16	1.02	0.81
BWD Plant 4 N-6915 (DUP)	DEC-RAD-34	3.69	1.11	0.83
BWD Plant 4 N-6916	DEC-RAD-35	2.50	0.88	0.72
Mean		0.97		
Standard Deviation		1.18		
Weighted Mean		1.44		

Radium-228			Ra-226 + Ra-228		
pCi/L	Uncertainty	MDC	pCi/L	pCi/L	Total
1.32	0.50	0.77	0.36	1.32	1.68
0.93	0.41	0.68	0.06	0.93	0.99
0.75	0.40	0.71	1.27	0.75	2.02
0.53	0.43	0.86	0.66	0.53	1.18
0.54	0.44	0.88	0.50	0.54	1.04
1.73	0.51	0.62	1.15	1.73	2.88
0.76	0.40	0.72	0.30	0.76	1.06
Mean	0.94			Mean	1.55
Standard Deviation	0.44				
Weighted Mean	0.97				
pCi/L	Uncertainty				
0.72	0.44	0.82	0.16	0.72	0.87
0.69	0.44	0.83	0.46	0.69	1.15
0.50	0.43	0.87	0.63	0.50	1.13
0.10	0.33	0.75	1.45	0.10	1.55
0.69	0.42	0.77	0.50	0.69	1.19
0.38	0.33	0.67	0.27	0.38	0.65
-0.15	0.36	0.87	1.09	-0.15	0.94
0.32	0.32	0.66	0.52	0.32	0.83
2.38	0.66	0.75	1.20	2.38	3.58
0.38	0.41	0.85	0.20	0.38	0.58
0.33	0.43	0.91	0.51	0.33	0.84
0.79	0.44	0.81	0.21	0.79	1.01
0.67	0.44	0.83	0.25	0.67	0.92
1.32	0.48	0.68	0.50	1.32	1.82
0.28	0.34	0.72	0.52	0.28	0.80
0.54	0.38	0.72	0.00	0.54	0.54
2.04	0.60	0.70	1.02	2.04	3.06
0.75	0.36	0.60	0.62	0.75	1.37
1.31	0.49	0.73	0.14	1.31	1.45
-0.16	0.33	0.81	0.06	-0.16	-0.10
0.06	0.28	0.64	0.22	0.06	0.28
0.65	0.36	0.64	0.64	0.65	1.29
0.55	0.46	0.95	0.10	0.55	0.66
0.95	0.52	0.97	0.24	0.95	1.19
3.28	0.85	0.87	5.31	3.28	8.59

1.62	0.56	0.80		1.42	1.62	3.04	
2.93	0.77	0.79		0.92	2.93	3.85	
0.69	0.47	0.93		0.69	0.69	1.38	
0.71	0.46	0.88		1.70	0.71	2.41	
2.05	0.62	0.79		3.16	2.05	5.21	
1.86	0.55	0.67		3.69	1.86	5.55	
1.42	0.49	0.70		2.50	1.42	3.92	
Mean		0.96			Mean	1.92	
Standard Deviation		0.85					
Weighted Mean		1.18					